



HOME WILDFIRE HAZARD ASSESSMENT MISSOURI DEPARTMENT OF CONSERVATION



Homeowner: _____

Location: _____

Fire Department Jurisdiction: _____

Latitude: _____ Longitude: _____

No. acres: _____ Date: _____ Evaluator: _____

SUBDIVISION DESIGN		Rating	
ACCESS			
Two or more primary roads in and out	0		
One primary and one secondary access	3		
One road in and out (entrance and exit is the same)	5		
SUBDIVISION BRIDGES			
No bridges or bridges with no weight and/or width restrictions	0		
Low weight bridges restricting emergency vehicle access	5		
PRIMARY ROAD WIDTH			
At least 20 feet wide	0		
Less than 20 feet wide	4		
SECONDARY ROAD CHARACTERISTICS			
Structure on primary access road	0		
Road ends in a cul-de-sac			
Cul-de-sac diameter greater than 100 feet	1		
Cul-de-sac diameter less than 100 feet	2		
Dead end road less than 200 feet long	3		
Dead end road greater than 200 feet long	5		
ROAD ACCESSIBILITY			
All weather access	0		
Rough road	3		
Limited access or unmaintained access	5		
STREET SIGNS			
Present, greater than 4 inch letters and reflectorized	1		
Missing, less than 4 inch letters or non-reflectorized	3		
TOTAL SUBDIVISION DESIGN RATING			

SITE HAZARDS (within 30 feet of structure)		Rating
DRIVEWAY CHARACTERISTICS		
Less than 150 feet long	0	
More than 150 feet with minimum 45 foot outside radius turnaround	3	
More than 150 feet with inadequate turnaround	5	
Driveway more than 12 feet wide	0	
Driveway less than 12 feet wide	5	
No obstructions or overhead branches below 15 feet	0	
Obstructions or overhead branches below 15 feet	5	
No bridges or bridges with no weight and/or width restrictions	0	
Low weight bridges restricting emergency vehicle access	5	
Driveway slope less than 10%	0	
Driveway slope greater than 10%	5	
No gate/non-locking gate	0	
Locked gate/restricted access	5	
Address clearly visible from road	0	
Address not visible from road	5	
DOMINANT TREES (within 100 feet of structure)		
Deciduous (Hardwoods)	1	
Mixed (Hardwoods and Conifers)	5	
Conifers (Pine and/or Redcedar)	10	
HOME IGNITION ZONE (within 30 feet of structure)		
No trees, shrubs or tall grass in 30 foot zone	0	
Well-spaced trees and shrubs in 30 foot zone	1	
Touching crowns or tall grass to structure	5	
Unthinned trees in 100 foot zone	add 5	
LADDER FUELS		
No conifers or conifer branches pruned up at least 6 feet	0	
Conifer branches close to ground	5	
TYPE OF GROUND COVER (Majority or Type surrounding structure)		
Grass up to 6 inches tall, pine needles, hardwood leaves	3	
Tall grass, 6-12 inches	5	
Grass more than 12 inches tall	8	
Shrubs with leaves	8	
Shrubs with needles	10	
Moderate to heavy slash	15	
SLOPE OF PROPERTY		
Flat (0-5%)	0	
Moderate (6-20%)	2	
Steep (more than 20%)	4	

FIREWOOD OR FUEL STORAGE (includes propane tanks)		
None	0	
Located more than 30 feet from structure	1	
Located 5-30 feet from structure	3	
Located less than 5 feet from structure	5	
OUTBUILDINGS		
None or more than 30 feet away	0	
Within 30 feet of home	3	
BRUSH PILES		
None	0	
Located more than 30 feet from structure	1	
Located 5-30 feet from structure	3	
Located less than 5 feet from structure	5	
PLACEMENT OF GAS AND ELECTRIC UTILITIES		
Both utilities underground	0	
One underground, one above ground	3	
Both above ground	5	
FIRE CONTROL WATER SUPPLY		
Pressurized hydrants with minimum 500 gal/min spaced less than 1000 feet apart	0	
Pressurized hydrants with less than 500 gal/min or more than 1000 feet apart	2	
Dry hydrant(s) available year round in subdivision	2	
Other assessable sources in subdivision	5	
Water sources within 4 road miles of structure	7	
No water sources within 4 road miles of structure	15	
OPEN BURNING: Do you practice open burning on your property?		
No	0	
Yes	3	
TOTAL SITE HAZARD RATING		

STRUCTURE HAZARDS	Rating
ROOFING MATERIALS	
Metal, tile or fiberglass	0
Asphalt shingles or rolled roofing	3
Wood shingles	6
SOFFITS AND ATTIC VENTS	
Enclosed with fine mesh metal screens	0
Enclosed with plastic screens or wide mesh	2
Open soffits or unscreened vents	4

FOUNDATION		
Enclosed or fireproof (i.e., concrete or metal)	0	
Enclosed with wood sheeting	3	
Open	5	
EXTERIOR WALL MATERIALS		
Brick, stone or metal	0	
Vinyl or wood	4	
DECKS, ATTACHED FENCE AND OVERHANGS		
None or non-combustible	0	
Combustible deck or fence, clean underneath	4	
Combustible deck or fence, grass/brush within 1 foot	6	
Combustible deck or fence, conifer within 1 foot	10	
TOTAL STRUCTURE HAZARD RATING		

CALCULATING YOUR WILDFIRE HAZARD RATING

SUBDIVISION DESIGN RATING	SITE HAZARD RATING	STRUCTURE HAZARD RATING	OVERALL WILDFIRE HAZARD RATING
	+	+	=

Low Fire Risk:

Overall Wildfire Hazard Rating = 0-25 points

The chances of your home surviving a wildfire are GOOD. Little is needed to improve your situation. Keep up the good work!

Moderate Fire Risk:

Overall Wildfire Hazard Rating = 26-59 points

The chances of your home surviving a wildfire are FAIR. Some minor improvements will make your home more fire resistant. Check the categories on the form where you scored poorly.

High Fire Risk:

Overall Wildfire Hazard Rating = 60-119 points

The chances of your home surviving a wildfire are NOT GOOD. Improvements in structure and site hazards are necessary.

Extreme Fire Risk:

Overall Wildfire Hazard Rating = 120 or more points

Your home MAY NOT SURVIVE if a wildfire passes through the area. Take a serious look at your property and make improvements. If you don't, you could be facing disaster. You'll find that even small changes could make the difference between losing or saving your home.